

Remarks**Specification**

Applicant has amended the title of the invention to DIGITAL CAMERA WITH COMPACT IMAGE SENSOR MODULE, which is believed to be clearly indicative of the invention to which the claims are directed.

Claim Rejections under 35 U.S.C. 103

Claims 1-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hsieh et al. (US 2004/0150062) in view of Anderson (US 6,563,535). Applicant respectfully traverses the rejection for the following reasons:

Regarding independent claims 1 and 9, the present invention discloses a digital camera comprising an image sensor module, the image sensor module comprising a camera lens with a non-spherical surface. Examiner essentially states that Hsieh discloses an image sensor module comprising a camera lens with a non-spherical surface. However, Hsieh merely discloses an image sensor module comprising a transparent layer formed with a convex portion, and does not disclose a camera lens with a non-spherical surface. In fact, with careful measurement from the cross-sectional view shown in the main figure on the cover page, Applicant finds such a convex portion is still of an arc of a circle because the whole surface share the same radial center with a constant radius of around 53mm. In opposite, the camera lens with a non-spherical surface as disclosed in the instant invention can be reduced in size, and does not cause optical aberration. In addition, the optical capability of the digital camera is also improved. A person of ordinary skill in the art could not have derived from Hsieh or from Hsieh in view of Anderson the digital camera of the present invention. Therefore applicant

asserts that the digital camera defined in claims 1 and 9 of the present invention is unobvious over these references.

Regarding amended independent claim 10, the present invention discloses a method of capturing a picture, the method comprising a step of providing an image sensor module with a camera lens, which defines a non-spherical surface. For reasons similar to those detailed above in relation to claims 1 and 9, it is submitted that said feature of claim 10 renders the claim unobvious over the cited references.

In summary, it is submitted that independent claims 1, 9 and 10 are patentable under 35 U.S.C. 103 over Hsieh in view of Anderson. Therefore the corresponding dependent claims 2-8 should also be patentable.

Finally, the other references listed by Examiner in the Notice of References Cited also fail to disclose said unique features of the present invention as detailed above. Therefore, a fortiori, claims 1-10 should be allowable.

In view of the above amendments and remarks, the subject application is believed to be in a condition for allowance, and an action to such effect is earnestly solicited.

Respectfully submitted,

CHEN, GA-LANE

By 

Wei Te Chung

Registration No.: 43,325

Foxconn International, Inc.

P.O. Address: 1650 Memorex Drive, Santa Clara, CA 95050

Tel. No.: (408) 919-6137